

ABSTRACT

A modular remote video inspection system for inspecting the interior of a living thing or of an inanimate object, such as a machine. The system comprises a base module connected by way of an interconnection module to a handset comprising a unitary display module and control module. The system makes observations by generating light that is caused to impinge on a surface of the interior of the object of interest. An inspection module attached to the handset comprises both a light guide for providing the light to the area of interest, and a selected one of a sensor and a light receiver. The inspection module comprises a steerable tip configured to be located adjacent the area of interest. The handset includes both controls for operating the system, and a display for providing a view of the region being inspected, as well as status information for the user of an operator.